

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. Type of Well

Oil Well ☐Gas Well ☒Other ☐Single Zone ☒Multiple Zone ☐

2. Name of Operator

MOUNTAIN RESOURCE CORPORATION

3. Address of Operator

P.O. Box 27444, SLC Utah 84127 (1800 S. West Temple)

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , Section 10 (500 ft East and 500 South from the center of section 10),

At proposed prod. zone

Same as above

2209 FSL, 2209 FEL

14. Distance in miles and direction from nearest town or post office\*

6 miles South of Ferron, Utah

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name Sorenson/

Marquardt fee et al

9. Well No.

MRC #3

10. Field and Pool, or Wildcat

Ferron Field ~~1005~~

11. Sec., T., R., M., or Bk. and Survey or Area

Sec 10, T21S, R7E, SLBM

12. County or Parish 13. State

Emery County, Utah

15. Distance from proposed\*

location to nearest property or lease line, ft. (Also to nearest drig. line, if any)

500 feet

16. No. of acres in lease

640 acres

17. No. of acres assigned to this well

320 acres

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.

3162 ft.

19. Proposed depth

1200 - Ferron Formation

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

6153 G.L.

22. Approx. date work will start\*

July 14, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
9 1/2"	7"	20.0 #/ft.	119 ft.	Cement to surface
6 3/4"	4 1/2"	10.5 #/ft.	1100 ft.	225 Sacks

Drilling program to test and evaluate the Ferron Formation.

Access road and location will be built using surface material.

Air will be used at the circulating medium, deal laterlog with gamma ray and micro-SFL; borehold compensated neutron with gamma ray logs will be run. All Federal and State Regulations will be fully adhered to.

APPROVED BY THE STATE  
DIVISION OF  
OIL, GAS AND MINING  
7/17/82  
[Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

Title

President

Date

7/7/82

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

# ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator MOUNTAIN RESOURCES CORP. Representative Fred Jaeger

Well No. MRC #3 Location NW 1/4 SE 1/4 Section 10 Township 21 S Range 7 E

County Emery Field \_\_\_\_\_ State Utah

Unit Name and  
Required Depth \_\_\_\_\_ Base of fresh water sands \_\_\_\_\_

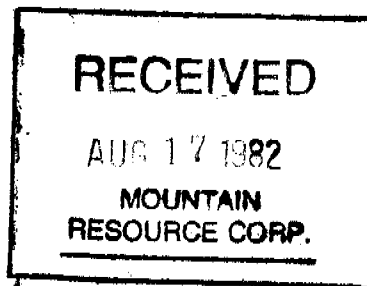
T.D. 1200' Size hole and  
Fill per sack 6 3/4" Mud Weight  
' and Top \_\_\_\_\_ #/gal. \_\_\_\_\_

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>7'</u>	<u>114'</u>	<u>surface</u>		<u>1200'</u>	<u>1170'</u>	<u>30'</u>
				<u>995'</u>	<u>955'</u>	<u>40'</u>
<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Shows</u>	<u>135'</u>	<u>95'</u>	<u>40'</u>
<u>Ferron-1st</u>	<u>975'</u>	<u>1000'</u>	<u>Wet (Mud between plugs)</u>			
<u>Ferron-2nd</u>	<u>1050'</u>	<u>1070'</u>	<u>Wet plug @ surface w/dry hole marker.</u>			

## REMARKS

DST's, lost circulation zones, water zones, etc.,

Approved by R. J. Firth Date 8-10-82 Time \_\_\_\_\_ a.m.  
p.m.



# ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator MOUNTAIN RESOURCES CORP. Representative Fred Jaeger

Well No. MRC #3 Location NW ¼ SE ¼ Section 10 Township 21 S Range 7 E

County Emery Field \_\_\_\_\_ State Utah

Unit Name and  
Required Depth \_\_\_\_\_ Base of fresh water sands \_\_\_\_\_

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## REMARKS

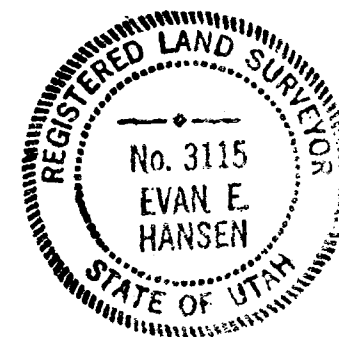
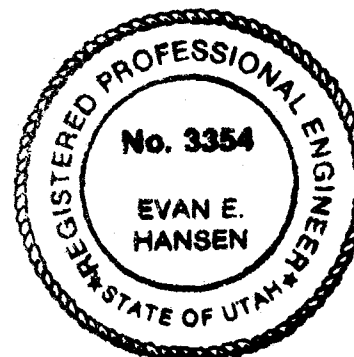
DST's, lost circulation zones, water zones, etc., \_\_\_\_\_

Approved by F. J. Firth Date 8-10-82 Time \_\_\_\_\_ a.m.  
p.m.

No. 3 WELL)  
E, AND  
EARTH



SCALE 1"=600'



## ENGINEER'S CERTIFICATE

I, EVAN E. HANSEN, DO HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR AND PROFESSIONAL ENGINEER HOLDING CERTIFICATES No. 3115 AND No. 3354 AS PRESCRIBED UNDER THE LAWS OF THE STATE OF UTAH. I FURTHER CERTIFY THAT I HAVE MADE A SURVEY AS DEPICTED ON THIS PLAT AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

Evan E. Hansen  
EVAN E. HANSEN

JUNE 18, 1982  
DATE

RECEIVED

JUN 21 1982  
MOUNTAIN  
RESOURCE CORP.

# EMPIRE ENGINEERING

88 NORTH 200 EAST - PRICE, UTAH 84501 PHONE (801) 637-7498

## MOUNTAIN RESOURCE CORP.

### DRILL HOLE LOCATION (MRC NO. 3 WELL)

DRAWN BY: <b>B.L.P.</b>	APPROVED BY: <b>E.E.H.</b>	DRAWING NO.
DATE: <b>JUNE 18, 1982</b>	SCALE: <b>1"=600'</b>	

## BASIS OF BEARING

BASIS OF BEARING -  $N0^{\circ}08'00''E$  - OBTAINED FROM  
G.L.O. PLAT DATED JUNE 21, 1965, BETWEEN THE  
WEST 1/4 CORNER AND THE NORTHWEST CORNER OF  
SECTION 10, T21S, R7E, S1.3.4M.



EAST 1/4 CORNER SECTION 10  
FOUND BRASS CAP.

WEST 1/4 CORNER SECTION 10  
FOUND BRASS CAP

N 89° 05' 23" E - 500.00 FT.

S 1° 21' 52" E, 500.00 FT.

DRILL HOLE LOCATION (MRC  
SET A 1 1/2" x 24" REBAR, A STAK  
A LATH.  
ELEVATION OF UNDISTURBED  
IS 6152.6

N 1° 21' 52" W  
2106.72'

SOUTH 1/4 CORNER SECTION 10,  
FOUND BRASS CAP

R 7 E

NORTH 1/4 CORNER SECTION 10  
FOUND BRASS CAP



N 1° 21' 52" W  
2716.21'

N 89° 05' 23" E

N 89° 05' 23" E

T 21 C

**\*\* FILE NOTATIONS \*\***

DATE: July 12, 1982  
OPERATOR: Mountain Resource Corporation  
WELL NO: MRC #3

Location: Sec. 10 T. 21S R. 7E County: Emery

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-015-30119

**CHECKED BY:**

Petroleum Engineer: Mr. Orin T. C.

Director: \_\_\_\_\_

Administrative Aide: Ms. Per Rule C-3 Order Below

**APPROVAL LETTER:**

Bond Required: ☒

Survey Plat Required: ☐

Order No. 7C, 12-13-57

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fee

Plotted on Map ☐

Approval Letter Written ☒

Hot Line ☒

P.I. ☒



July 12, 1982

Mountain Resource Corporation  
P.O. Box 27444  
Salt Lake City, Utah 84127

RE: Well No. MRC #3  
Sec. 10, T21S, R7E  
Emery County

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 7(C), dated 08-23-82.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-015-30119.

Sincerely,

  
RONALD J. FIRTH  
CHIEF PETROLEUM ENGINEER

RJF:SC  
Enclosure

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Mountain Resource Corporation

WELL NAME: MRC #3

SECTION NWSE 10 TOWNSHIP 21 S RANGE 7 E COUNTY Emery

DRILLING CONTRACTOR Frontier

RIG # 6

SPUDDED: DATE July 15, 1982

TIME 9:00 AM

HOW Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY Fred Jaeger

TELEPHONE # 487-1773

DATE 7/15/82 SIGNED AS

*Hotline  
P1*

JUL 12 1982

MOUNTAIN  
RESOURCE CORP.

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Location NE 1/4 SE 1/4 Sec. 10 T: 21S R: 7E County Emery

## Water Sands

(Continue of reverse side if necessary)

### Formation Tops

## Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____
1b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
				DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR MOUNTAIN RESOURCE CORPORATION					
3. ADDRESS OF OPERATOR P.O. Box 27444 SLC, Utah					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface NW $\frac{1}{4}$ , SE $\frac{1}{4}$ Section 10 (500 E 500 From Center of Section) At top prod. interval reported below 975 At total depth 1200					
15. DATE SPUDDED 7/15/82		16. DATE T.D. REACHED 7/17/82		17. DATE COMPL. (Ready to prod.) 7/17/82	
18. ELEVATIONS (DF, RES, RT, GR, ETC.)* 6153		19. ELEV. CASHHEAD 6153		20. TOTAL DEPTH, MD & TVD 1200	
21. PLUG, BACK T.D., MD & TVD P and A		22. IF MULTIPLE COMPS HOW MANY* P and A		23. WAS DIRECTIONAL SURVEY MADE No	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) None P and A 7/17/82		25. WAS WELL CORED No		26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, Neutron Density	
27. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED	
Surface 7"	20#/ft	114	9 1/2	25 sax class G (cir to surf.)	
28. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
29. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
30. PERFORATION RECORD (Interval, size and number)					
31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			32. AMOUNT AND KIND OF MATERIAL USED		
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
95'-135'			17 sax class G plug		
955'-995'			18 sax class G plug		
1170-1200			15 sax class G plug		
Surf Mkr			10 sax class G plug		
33. PRODUCTION					
DATE FIRST PRODUCTION None		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) P and A			WELL STATUS (Producing or shut-in) P and A
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—B&L.	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—B&L.	GAS—MCF.	WATER—B&L.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			TEST WITNESSED BY		
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Frederick Jaeger		TITLE President		DATE 8/14/82	

(See instructions and spaces for Additional Data on Reverse Side)